

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1. (Currently Amended) A method of making a series of steeply curved ophthalmic lens elements over a wide range of prescriptions using lens blanks having the same steeply curved front surface, wherein each ophthalmic lens element is adapted for mounting in eyewear, the ophthalmic lens elements having a non-zero prescription through power, the method comprising the steps of:

(i) molding [[a]] lens blanks each having a single radius of curvature along a principle meridian of less than 35 mm over a substantial portion of a front surface thereof;

(ii) cutting a back surface on the molded lens blanks, which, together with the front surface, ~~provides~~ provide the non-zero prescription through power; ~~[[and]]~~

(iii) edging the lens blanks to provide ~~an edged~~ the steeply curved ophthalmic lens elements having a maximum hollow depth of at least 8 mm; and

(iv) repeating steps (i), (ii), and (iii), as required, to obtain the series of steeply curved ophthalmic lens elements over a wide range of prescriptions using lens blanks having the same steeply curved front surface.

2. (Original) The method of claim 1, wherein the cut back surface together with the front surface provides a non-zero astigmatism correction for the wearer.

3. (Original) The method of claim 2, wherein a circular meridian toroid is used in the generation of the back surface to provide the astigmatism correction for the wearer.

4. (Original) The method of claim 1, wherein a progressive surface power addition is provided by at least the front of the lens element.

5. (Original) The method of claim 1, wherein a progressive surface power addition is provided by at least the back surface of the lens element.

6. (Currently Amended) A method of making protective eyewear with a series of steeply curved ophthalmic lens elements over a wide range of prescriptions using lens blanks having the same steeply curved front surface, the method comprising the steps of:

(i) molding the lens blanks each having a front spherical surface with a single radius of curvature along a principle meridian of less than 35 mm over a substantial portion of a said surface and a molded back surface on the molded lens blank, which, together with the front surface, provides essentially no through power;

(ii) edging the lens blanks to provide a pair of edged lens each the steeply curved ophthalmic lens elements having a hollow depth of at least 8 mm; [[and]]

(iii) repeating steps (i) and (ii), as required, to obtain the series of steeply curved ophthalmic lens elements over a wide range of prescriptions using lens blanks having the same steeply curved front surface; and

(iv) mounting the ~~pair of lenses~~ steeply curved ophthalmic lens elements in eyewear so that a center of curvature of the front surface is located approximately on the respective centroids of rotation of the eyes of a wearer in the as worn position.

7. (Previously Presented) The method of claim 2, wherein an averaged-toroid generated by averaging a barrel toroid and a donut toroid is used in the generation of the back surface to provide the astigmatism correction for the wearer.